



Souza

RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following CRF diskette:

Application Serial Number:

09/269,250A

Art Unit / Team No. :

1655

Date Processed by STIC:

5/11/2000

TC 1600 MAIL ROOM

MAY 23 2000

RECEIVED

THE ATTACHED PRINTOUT EXPLAINS THE ERRORS DETECTED.

PLEASE BE SURE TO FORWARD THIS INFORMATION TO THE APPLICANTS BY EITHER:

1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANTS ALONG WITH A NOTICE TO COMPLY or,

2) CALLING APPLICANTS AND FAXING THEM A COPY OF THE PRINTOUT WITH A NOTICE TO COMPLY

THIS WILL INSURE THAT THE NEXT SUBMISSION RECEIVED FROM THEM WILL BE ERROR FREE.

IF YOU HAVE ANY FURTHER QUESTIONS, PLEASE CALL:

MARK SPENCER 703-308-4212

Raw Sequence Listing Error Summary

ERROR DETECTED SUGGESTED CORRECTION

SERIAL NUMBER: 09/269250A

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1 Wrapped Nucleics The number/text at the end of each line "wrapped" down to the next line.
This may occur if your file was retrieved in a word processor after creating it.
Please adjust your right margin to .3, as this will prevent "wrapping".
- 2 Wrapped Aminos The amino acid number/text at the end of each line "wrapped" down to the next line.
This may occur if your file was retrieved in a word processor after creating it.
Please adjust your right margin to .3, as this will prevent "wrapping".
- 3 Incorrect Line Length The rules require that a line not exceed 72 characters in length. This includes spaces.
- 4 Misaligned Amino Acid The numbering under each 5th amino acid is misaligned. This may be caused by the use of tabs
Numbering between the numbering. It is recommended to delete any tabs and use spacing between the numbers.
- 5 Non-ASCII This file was not saved in ASCII (DOS) text, as required by the Sequence Rules.
Please ensure your subsequent submission is saved in ASCII text so that it can be processed.
- 6 Variable Length Sequence(s) contain n's or Xaa's which represented more than one residue.
As per the rules, each n or Xaa can only represent a single residue.
Please present the maximum number of each residue having variable length and
indicate in the (ix) feature section that some may be missing.
- 7 PatentIn ver. 2.0 "bug" A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid
sequence(s) . Normally, PatentIn would automatically generate this section from the
previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section
to the subsequent amino acid sequence.
- 8 Skipped Sequences Sequence(s) missing. If intentional, please use the following format for each skipped sequence:
(OLD RULES) (2) INFORMATION FOR SEQ ID NO:X:
 (i) SEQUENCE CHARACTERISTICS:(Do not insert any headings under "SEQUENCE CHARACTERISTICS")
 (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X:
 This sequence is intentionally skipped

Please also adjust the "(iii) NUMBER OF SEQUENCES:" response to include the skipped sequence(s).
- 9 Skipped Sequences Sequence(s) missing. If intentional, please use the following format for each skipped sequence.
(NEW RULES) <210> sequence id number
 <400> sequence id number
 000
- 10 Use of n's or Xaa's Use of n's and/or Xaa's have been detected in the Sequence Listing.
(NEW RULES) Use of <220> to <223> is MANDATORY if n's or Xaa's are present.
In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
- 11 Use of <213>Organism Sequence(s) are missing this mandatory field or its response.
(NEW RULES)
- 12 Use of <220>Feature Sequence(s) are missing the <220>Feature and associated headings.
(NEW RULES) Use of <220> to <223> is MANDATORY if <213>ORGANISM is "Artificial" or "Unknown"
Please explain source of genetic material in <220> to <223> section.
(See "Federal Register," 6/01/98, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of new Rules)
- 13 PatentIn ver. 2.0 "bug" Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted
file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing).
Instead, please use "File Manager" or any other means to copy file to floppy disk.

1. Souaya

1655

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/269,250A

DATE: 05/11/2000
TIME: 16:14:46

Does Not Comply
Corrected Diskette Needed

Input Set : A:\27991.app
Output Set: N:\CRF3\05112000\I269250A.raw

3 <110> APPLICANT: Goulmy, Els
5 <120> TITLE OF INVENTION: METHOD FOR TYPING OF MINOR HISTOCOMPATIBILITY ANTIGEN
6 HA-1
8 <130> FILE REFERENCE: 58994
10 <140> CURRENT APPLICATION NUMBER: 09/269,250A
11 <141> CURRENT FILING DATE: 1999-05-21
13 <160> NUMBER OF SEQ ID NOS: 38
15 <170> SOFTWARE: PatentIn Ver. 2.1
17 <210> SEQ ID NO: 1
18 <211> LENGTH: 377
19 <212> TYPE: DNA
20 <213> ORGANISM: Human
22 <400> SEQUENCE: 1
23 gtgagagcca cggggacacc gaggcctggg tggaagacag agccagaccc aagggaggat 60
24 ggaggaggag acttggggag gctcagaagg gagggaggct cagatggcag ggagggctgt 120
25 gtggaagagg ccatgacagc taaggctctg agggatgtgt aggagtgtg tgggggagtc 180
26 cctgagcgta cactggctca agaggggtgcc cactttattt tttttaagg atctgatggc 240
27 aattaggagg gaaaggcaga ggaatgtcc catgcacag ctcagaaca cggaaacaga 300
28 gaatgcattt gggggccaag gtgtgggtg cgcgtggtg aggatgaag catgacaacg 360
29 ccaggcagaa gggcaat 377
32 <210> SEQ ID NO: 2
33 <211> LENGTH: 20
34 <212> TYPE: DNA
35 <213> ORGANISM: Artificial Sequence
37 <220> FEATURE:
38 <223> OTHER INFORMATION: Description of Artificial Sequence: PRIMER
40 <400> SEQUENCE: 2
41 gtgctgcctc ctggacactg 20
44 <210> SEQ ID NO: 3
45 <211> LENGTH: 20
46 <212> TYPE: DNA
47 <213> ORGANISM: Artificial Sequence
49 <220> FEATURE:
50 <223> OTHER INFORMATION: Description of Artificial Sequence: PRIMER
52 <400> SEQUENCE: 3
53 tggtcttcac cgtcatgcag 20
56 <210> SEQ ID NO: 4
57 <211> LENGTH: 20
58 <212> TYPE: DNA
59 <213> ORGANISM: Artificial Sequence
61 <220> FEATURE:
62 <223> OTHER INFORMATION: Description of Artificial Sequence: PRIMER
64 <400> SEQUENCE: 4
65 tggtcttcac cgtcacgcaa 20
68 <210> SEQ ID NO: 5
69 <211> LENGTH: 20
70 <212> TYPE: DNA

P.5

RAW SEQUENCE LISTING DATE: 05/11/2000
 PATENT APPLICATION: US/09/269,250A TIME: 16:14:46

Input Set : A:\27991.app
 Output Set: N:\CRF3\05112000\I269250A.raw

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71 <213> ORGANISM: Artificial Sequence
73 <220> FEATURE:
74 <223> OTHER INFORMATION: Description of Artificial Sequence: PRIMER
76 <400> SEQUENCE: 5
77 gcattctctg ttccgtgtt                20
80 <210> SEQ ID NO: 6
81 <211> LENGTH: 20
82 <212> TYPE: DNA
83 <213> ORGANISM: Artificial Sequence
85 <220> FEATURE:
86 <223> OTHER INFORMATION: Description of Artificial Sequence: PRIMER
88 <400> SEQUENCE: 6
89 cttaaggagt gtgtgctgca                20
92 <210> SEQ ID NO: 7
93 <211> LENGTH: 20
94 <212> TYPE: DNA
95 <213> ORGANISM: Artificial Sequence
97 <220> FEATURE:
98 <223> OTHER INFORMATION: Description of Artificial Sequence: PRIMER
100 <400> SEQUENCE: 7
101 cttaaggagt gtgtgttgcg                20
104 <210> SEQ ID NO: 8
105 <211> LENGTH: 20
106 <212> TYPE: DNA
107 <213> ORGANISM: Artificial Sequence
109 <220> FEATURE:
110 <223> OTHER INFORMATION: Description of Artificial Sequence: PRIMER
112 <400> SEQUENCE: 8
113 gctgtcatgg cctcttccac                20
116 <210> SEQ ID NO: 9
117 <211> LENGTH: 20
118 <212> TYPE: DNA
119 <213> ORGANISM: Artificial Sequence
121 <220> FEATURE:
122 <223> OTHER INFORMATION: Description of Artificial Sequence: PRIMER
124 <400> SEQUENCE: 9
125 gcattctctg ttccgtgtt                20
128 <210> SEQ ID NO: 10
129 <211> LENGTH: 20
130 <212> TYPE: DNA
131 <213> ORGANISM: Artificial Sequence
133 <220> FEATURE:
134 <223> OTHER INFORMATION: Description of Artificial Sequence: PRIMER
136 <400> SEQUENCE: 10
137 ggcagagagc cctgcagcc                20
140 <210> SEQ ID NO: 11
141 <211> LENGTH: 18
142 <212> TYPE: DNA
143 <213> ORGANISM: Artificial Sequence

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RAW SEQUENCE LISTING DATE: 05/11/2000
PATENT APPLICATION: US/09/269,250A TIME: 16:14:46

Input Set : A:\27991.app
Output Set: N:\CRF3\05112000\I269250A.raw

145 <220> FEATURE:
146 <223> OTHER INFORMATION: Description of Artificial Sequence: PRIMER
148 <400> SEQUENCE: 11
149 gtgtgtgtgcg tgacggtg 18
152 <210> SEQ ID NO: 12
153 <211> LENGTH: 15
154 <212> TYPE: DNA
155 <213> ORGANISM: Artificial Sequence
157 <220> FEATURE:
158 <223> OTHER INFORMATION: Description of Artificial Sequence: PRIMER
160 <400> SEQUENCE: 12
161 gtgtgtgtgcg tgacg 15
164 <210> SEQ ID NO: 13
165 <211> LENGTH: 16
166 <212> TYPE: DNA
167 <213> ORGANISM: Artificial Sequence
169 <220> FEATURE:
170 <223> OTHER INFORMATION: Description of Artificial Sequence: PRIMER
172 <400> SEQUENCE: 13
173 tgtgtgtgtgc gtgacg 16
176 <210> SEQ ID NO: 14
177 <211> LENGTH: 19
178 <212> TYPE: DNA
179 <213> ORGANISM: Artificial Sequence
181 <220> FEATURE:
182 <223> OTHER INFORMATION: Description of Artificial Sequence: PRIMER
184 <400> SEQUENCE: 14
185 tgtgtgtgtgc atgacggtg 19
188 <210> SEQ ID NO: 15
189 <211> LENGTH: 18
190 <212> TYPE: DNA
191 <213> ORGANISM: Artificial Sequence
193 <220> FEATURE:
194 <223> OTHER INFORMATION: Description of Artificial Sequence: PRIMER
196 <400> SEQUENCE: 15
197 tgtgtgtgtgc atgacggt 18
200 <210> SEQ ID NO: 16
201 <211> LENGTH: 18
202 <212> TYPE: DNA
203 <213> ORGANISM: Artificial Sequence
205 <220> FEATURE:
206 <223> OTHER INFORMATION: Description of Artificial Sequence: PRIMER
208 <400> SEQUENCE: 16
209 gtgtgtgtgca tgacggtg 18
212 <210> SEQ ID NO: 17
213 <211> LENGTH: 9
214 <212> TYPE: PRT
215 <213> ORGANISM: HUMAN
217 <220> FEATURE:

RAW SEQUENCE LISTING DATE: 05/11/2000
 PATENT APPLICATION: US/09/269,250A TIME: 16:14:46

Input Set : A:\27991.app
 Output Set: N:\CRF3\05112000\I269250A.raw

218 <223> OTHER INFORMATION: Wherein Xaa at position 3 represents a histidine
 219 (H) or an arginine (R) residue.
 221 <400> SEQUENCE: 17
 222 Val Leu Xaa Asp Asp Leu Leu Glu Ala
 223 1 5
 226 <210> SEQ ID NO: 18
 227 <211> LENGTH: 25
 228 <212> TYPE: DNA
 229 <213> ORGANISM: Artificial Sequence
 231 <220> FEATURE:
 232 <223> OTHER INFORMATION: Description of Artificial Sequence: PRIMER
 234 <400> SEQUENCE: 18
 235 gctcctgcat gacgctctgt ctgca 25
 238 <210> SEQ ID NO: 19
 239 <211> LENGTH: 24
 240 <212> TYPE: DNA
 241 <213> ORGANISM: Artificial Sequence
 243 <220> FEATURE:
 244 <223> OTHER INFORMATION: Description of Artificial Sequence: PRIMER
 246 <400> SEQUENCE: 19
 247 gacgtcgtcg aggacatctc ccat 24
 250 <210> SEQ ID NO: 20
 251 <211> LENGTH: 25
 252 <212> TYPE: DNA
 253 <213> ORGANISM: Artificial Sequence
 255 <220> FEATURE:
 256 <223> OTHER INFORMATION: Description of Artificial Sequence: PRIMER
 258 <400> SEQUENCE: 20
 259 gaaggccaca gcaatcgtct ccagg 25
 262 <210> SEQ ID NO: 21
 263 <211> LENGTH: 30
 264 <212> TYPE: DNA
 265 <213> ORGANISM: Artificial Sequence
 267 <220> FEATURE:
 268 <223> OTHER INFORMATION: Description of Artificial Sequence: PRIMER
 270 <400> SEQUENCE: 21
 271 ccttgagaaa cttaaggagt gtgtgctgca 30
 274 <210> SEQ ID NO: 22
 275 <211> LENGTH: 30
 276 <212> TYPE: DNA
 277 <213> ORGANISM: Artificial Sequence
 279 <220> FEATURE:
 280 <223> OTHER INFORMATION: Description of Artificial Sequence: PRIMER
 282 <400> SEQUENCE: 22
 283 ccttgagaaa cttaaggagt gtgtgttgca 30
 286 <210> SEQ ID NO: 23
 287 <211> LENGTH: 33
 288 <212> TYPE: DNA
 289 <213> ORGANISM: Artificial Sequence

RAW SEQUENCE LISTING DATE: 05/11/2000
 PATENT APPLICATION: US/09/269,250A TIME: 16:14:46

Input Set : A:\27991.app
 Output Set: N:\CRF3\05112000\I269250A.raw

291 <220> FEATURE:
 292 <223> OTHER INFORMATION: Description of Artificial Sequence: PRIMER
 294 <400> SEQUENCE: 23
 295 ccggcatgga cgtcgtcgag gacatctccc atc 33
 298 <210> SEQ ID NO: 24
 299 <211> LENGTH: 30
 300 <212> TYPE: DNA
 301 <213> ORGANISM: Artificial Sequence
 303 <220> FEATURE:
 304 <223> OTHER INFORMATION: Description of Artificial Sequence: PRIMER
 306 <400> SEQUENCE: 24
 307 ctacttcagg ccacagcaat cgtctccagg 30
 310 <210> SEQ ID NO: 25
 311 <211> LENGTH: 27
 312 <212> TYPE: DNA
 313 <213> ORGANISM: Artificial Sequence
 315 <220> FEATURE:
 316 <223> OTHER INFORMATION: Description of Artificial Sequence: Exon
 317 fragments
 319 <220> FEATURE:
 320 <221> NAME/KEY: CDS
 321 <222> LOCATION: (1)..(27)
 323 <400> SEQUENCE: 25
 324 gtg ttg cgt gac gac ctc ctt gag gcc 27
 325 Val Leu Arg Asp Asp Leu Leu Glu Ala
 326 1 5
 329 <210> SEQ ID NO: 26
 330 <211> LENGTH: 9
 331 <212> TYPE: PRT
 332 <213> ORGANISM: Artificial Sequence
 333 <223> OTHER INFORMATION: Description of Artificial Sequence: Exon
 335 <220> FEATURE:
 336 <400> SEQUENCE: 26
 337 Val Leu Arg Asp Asp Leu Leu Glu Ala
 338 1 5
 342 <210> SEQ ID NO: 27
 343 <211> LENGTH: 27
 344 <212> TYPE: DNA
 345 <213> ORGANISM: Artificial Sequence
 347 <220> FEATURE:
 348 <223> OTHER INFORMATION: Description of Artificial Sequence: Exon
 349 fragments
 351 <220> FEATURE:
 352 <221> NAME/KEY: CDS
 353 <222> LOCATION: (1)..(27)
 355 <400> SEQUENCE: 27
 356 gtg ctg cat gac gac ctc ctt gag gcc 27
 357 Val Leu His Asp Asp Leu Leu Glu Ala
 358 1 5

*insert
 2207
 wherever
 2237
 is
 shown
 (edit
 throughout
 sequence
 listing)*

See next page

VERIFICATION SUMMARY

DATE: 05/11/2000

PATENT APPLICATION: US/09/269,250A

TIME: 16:14:47

Input Set : A:\27991.app

Output Set: N:\CRF3\05112000\I269250A.raw

L:222 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:17
L:222 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:17
L:222 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:17
L:336 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:368 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:507 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:37
L:507 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:37
L:507 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:37
L:520 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:38
L:520 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:38
L:520 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:38

09/269,250A

<210> 38
<211> 9
<212> PRT
<213> Human

<220>
<223> Isolated Lysis-inducing peptides

<400> 38

Val (Xaa) His Asp Asp (Xaa Xaa) Glu Ala
1 5

see item 10 on Ena Summary sheet